

10/534,348  
Sequence alignment A  
US-09-530-139-38  
; Sequence 38, Application US/09530139  
; Patent No. 6670453  
; GENERAL INFORMATION:  
; APPLICANT: FRENKEN, LEON GERARDUS  
; APPLICANT: HOWELL, STEVEN  
; APPLICANT: LEDEBOER, ADRIANUS MARINUS  
; APPLICANT: VAN DER LOGT, CORNELIS PAUL  
; TITLE OF INVENTION: MULTIVALENT ANTIGEN-BINDING PROTEINS  
; FILE REFERENCE: 60113/268075/ASH  
; CURRENT APPLICATION NUMBER: US/09/530,139  
; CURRENT FILING DATE: 2000-04-27  
; PRIOR APPLICATION NUMBER: PCT/EP98/06991  
; PRIOR FILING DATE: 1998-10-27  
; PRIOR APPLICATION NUMBER: EP 97308538.4  
; PRIOR FILING DATE: 1997-10-27  
; NUMBER OF SEQ ID NOS: 77  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 38  
; LENGTH: 224  
; TYPE: PRT  
; ORGANISM: Unknown Organism  
; FEATURE:  
; OTHER INFORMATION: Description of Unknown Organism: Bispecific biheaded  
; OTHER INFORMATION: antigen binding protein  
US-09-530-139-38

Query Match 55.7%; Score 698; DB 2; Length 224;  
Best Local Similarity 64.0%; Pred. No. 1.9e-52;  
Matches 151; Conservative 18; Mismatches 51; Indels 16; Gaps 3;

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Qy      6 ESGGGLVQPGGSLRLTCTASGFTFSSFGMSWVRQAPGKGLEWVSAISSDSGTKNYADSVK 65
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Db      2 ESGGGLVQAGGSLRLSCAASGRTGSTYDMGWFRQAPGKERESVAAINWDSARTYYASSVR 61

Qy     66 GRFTISRDNAAKMLFLQMNSLRPEDTAVYYCVIGRG---SPSSQGTQVTVSSEPKTPKPQ 122
      ||||| |||||: |||||: ||||| | | | | |||||
Db     62 GRFTISRDNAAKTVYLMNSLKPEDTAVYTCGAGEGGTWSWGQGTQVTVSS----- 113

Qy    123 PAAAQVQLQESGGGLVQPGGSLRLSCATSGFDFSVSWMYWVRQAPGKGLEWVSEINTNGL 182
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Qy    183 ITKYVDSVKGRFTISRDNAAKNTLYLQMDSLIPEDTALYYCARSPSGSFRGQGTQVT 238
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Db    169 ITNYADSVKGRFTISRDNAAKTVYLEMNSLEPEDTAVYYCYTHYFRSYWGQGTQVT 224

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